

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L8	7	((("3367142") or ("7048972") or ("0699076") or ("3813899"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/10/23 09:57
L9	5	((("3367142") or ("7048972") or ("3813899"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/10/23 09:57
L10	5	((("3367142") or ("7048972") or ("31813899") or ("3813899") or ("7048972"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/10/23 09:59
L11	5	((("3367142") or ("7048972") or ("31813899") or ("3813899") or ("7048972") or ("3367142"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/10/23 09:59
L12	969	(29/557).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/10/23 10:25
L13	199	12 and groove	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/23 10:25
L15	1	12 and profile adj mandrel	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/23 10:45
L16	61	12 and mandrel	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/23 10:45
L17	13	16 and roller	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/23 10:45

## EAST Search History

S1	195375	hub same shaft	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/22 16:37
S2	17848	hub same grooves same shaft	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/12 17:19
S3	17848	hub same grooves same shaft same grooves	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/12 17:19
S4	1471	hub same grooves same shaft same grooves same ribs	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/12 17:22
S5	7223	spline same grooves	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/12 17:23
S6	13	("3367142"   "3579684"   "3673883"   "3999445"   "4594294"   "4610577"   "4656051"   "5096352"   "5176755"   "5288556"   "5852951").PN. OR ("7048972").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/12 17:54
S7	13	("3367142"   "3579684"   "3673883"   "3999445"   "4594294"   "4610577"   "4656051"   "5096352"   "5176755"   "5288556"   "5852951").PN. OR ("7048972").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/18 13:26
S8	183	(403/359.1).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/10/18 13:34

## EAST Search History

S9	44	("1541007"   "1779805"   "2015430"   "2510362"   "2715846"   "3063266"   "3293884"   "3405982"   "3638455"   "3813899"   "4003219"   "4125000"   "4523872"   "4552544"   "4622022"   "4819755"   "4945745"   "5230658"   "5309620"   "5360377"   "5515955"   "5645366"   "5655968"   "5660494"   "5664655"   "5697850"   "5716276"   "5771737"   "5772520"   "5827122"   "5919094"   "5951402"   "6015350"   "6033310"   "6193612"   "6279221").PN. OR ("6705949"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/18 13:37
S10	18	("1645342"   "2397905"   "3295871"   "3388934"   "3415153"   "4067658"   "4667530"   "5460574").PN. OR ("5645366"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/18 13:38
S11	23	("1973702"   "2116290"   "3123990"   "3234758"   "3242695"   "3577746").PN. OR ("3813899"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/18 13:59
S12	1	steinrisser same niculo	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/18 14:00
S13	1952	"446"/\$.ccls. and hub	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/18 14:11
S14	5636	"464"/\$.ccls. and hub	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/18 14:11
S15	4585	"464"/\$.ccls. and hub same shaft	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/18 14:11

## EAST Search History

S16	816	"464"/\$.ccls. and hub same shaft same groove	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/18 14:11
S17	1180	"464"/\$.ccls. and hub same shaft same groove\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/18 14:12
S18	97	"464"/\$.ccls. and hub same shaft same groove\$1 same Rib\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/18 14:21
S19	1417	((464/162) or (464/182)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/10/22 16:42
S20	210	S19 and hub and shaft	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/18 14:55
S21	0	S20 and root and head	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/18 14:55
S22	194	method same groove adj profile	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/22 16:39

## EAST Search History

S23	29	S22 and shaft	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/22 16:39
S24	2	S22 and shaft same hub	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/22 16:40
S25	2	S22 and spline	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/22 16:40
S26	1417	((464/162) or (464/182)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/10/22 16:42
S27	205	S26 and method	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/22 17:16
S28	2	("3367142").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/10/22 17:17
S29	2871	groove same trapezoid	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/22 17:20
S30	10871	groove same trapezoid\$2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/22 17:21

## EAST Search History

S31	43	groove adj profile same trapezoid\$2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/22 17:21
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L13	199	12 and groove	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/23 10:25
L15	1	12 and profile adj mandrel	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/23 10:45
L16	61	12 and mandrel	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/23 10:45
L17	13	16 and roller	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/23 10:45

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S3	17848	hub same grooves same shaft same grooves	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/12 17:19
S4	1471	hub same grooves same shaft same grooves same ribs	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/12 17:22
S5	7223	spline same grooves	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/12 17:23
S6	13	("3367142"   "3579684"   "3673883"   "3999445"   "4594294"   "4610577"   "4656051"   "5096352"   "5176755"   "5288556"   "5852951").PN. OR ("7048972"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/12 17:54
S7	13	("3367142"   "3579684"   "3673883"   "3999445"   "4594294"   "4610577"   "4656051"   "5096352"   "5176755"   "5288556"   "5852951").PN. OR ("7048972"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/10/18 13:26
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S15	4585	"464"/\$.ccls. and hub same shaft	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/18 14:11

## EAST Search History

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S18	97	"464"/\$.ccls. and hub same shaft same groove\$1 same Rib\$1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/18 14:21
S19	1417	((464/162) or (464/182)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/10/22 16:42
S20	210	S19 and hub and shaft	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/18 14:55
S21	0	S20 and root and head	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/18 14:55
S22	194	method same groove adj profile	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/22 16:39

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S24	2	S22 and shaft same hub	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/22 16:40
S25	2	S22 and spline	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/22 16:40
S26	1417	((464/162) or (464/182)).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/10/22 16:42
S27	205	S26 and method	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/22 17:16
S28	2	("3367142").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2007/10/22 17:17
S29	2871	groove same trapezoid	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/22 17:20
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S31	43	groove adj profile same trapezoid\$2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/10/22 17:21
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